

Extending the OPAC: Integrating WorldCat, Maps, and More into Aleph

IGeLU

September 10, 2008

Madrid, Spain

Introduction

- Aaron Bales, Assistant Engineering & Systems Librarian, abales@nd.edu
- Mark Dehmow, Electronic Services Librarian, mdehmow@nd.edu

The State of Libraries and the Internet

- Libraries are no Longer the Only Place for Search and Books
 - Google and Yahoo changed the way users think about search expertise
 - Large digitization projects are offering text online
- But ... Libraries Offer Content and Services
 - Books
 - Get Books for You - ILL
 - Deliver Books to You – Document Delivery
 - Get a readable copy
 - Journals
 - Pay for access
 - Reserves
 - Spaces to Meet, Read, Discuss
 - Information literacy
 - And so much more ...

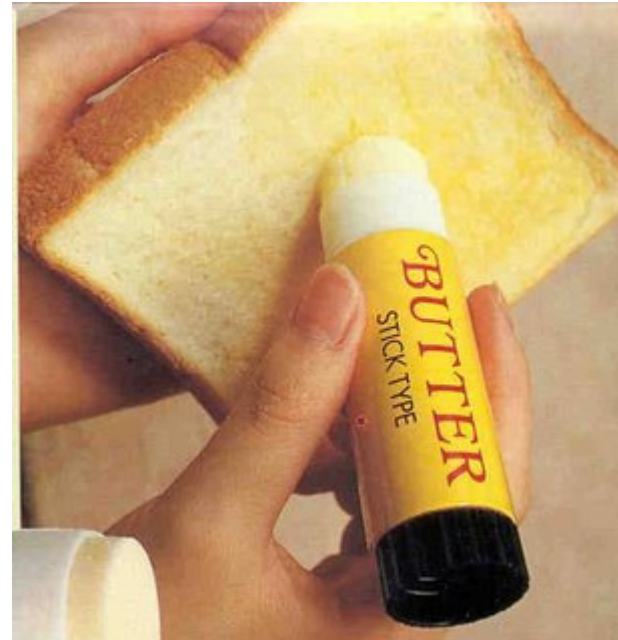
Where Libraries Can Focus Their Energy

- Bringing our Tools in Line with User Expectations created by the Internet
- Stop Making Them Go to a Specific Place - Integrate Services Where the User Is
 - Facebook
 - Course management systems
 - Etc.
- Making More Logical Paths to Getting What Patrons Need
- Users Want to Be Able to Do It Themselves, but they also have a low tolerance for something that is difficult to do

The Opportunities

- Libraries have the opportunity to be technology leaders and deliver what our patrons want
 - We have amazing structured data
 - We have contact with our specific communities of users
 - But ... we need programmers and technology specialists, who are also library aware
- ExLibris Open Platform
 - Commitment to open parts of systems
 - Platform for sharing code
- Local Customization will require
 - High Level Programmers to lead development
 - Web Developers with basic understanding of scripting to implement

Solutions Engineering



Technology Skills

- Technology for Development in Libraries
 - XHTML
 - CSS (Cascading Style Sheets)
 - Javascript
 - AJAX (Asynchronous Javascript and XML)
 - JSON (JavaScript Object Notation)
 - XML (eXtensible Mark-up Language)
 - XSLT (XML Style Language Transformation)
 - Open Standards
 - OpenURL
 - Database Skills: MySQL, Posgres, Oracle
 - SQL

Technology Skills

➤ WebServices

- HTTP
- SRU (Search and Retrieval URL)
- XML

➤ Scripting Language

- PERL
- PHP
- ASP, .net, C#
- Ruby
- Python

➤ Programming Language

- Java
- C++

Enhancing the OPAC

- Reusing Catalog Data to:
 1. enhance findability
 2. reduce dead ends
 3. reduce user keying and clicking
 4. reusing existing (robust) data
 5. better fulfill user expectations set by the Internet (bring the OPAC closer to next gen systems)

Process for Determining Enhancements

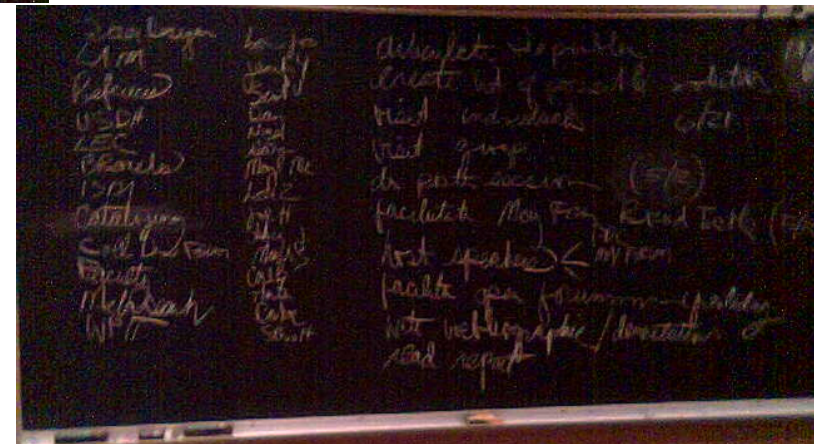
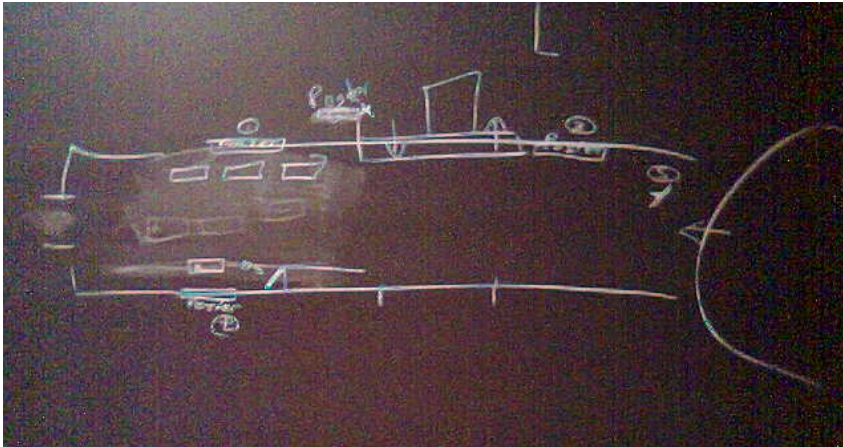
- Requests from:
 - committees
 - individuals
 - administration

Process (cntd)

- Determine Feasibility
 - What systems can accomplish the goal?
 - What are the dependencies?
- Cost/Benefit Balance
 - How much person time is involved vs how will this benefit
 - internal operations
 - users

Process (cntd)

- Brainstorm



Experimentation and Change

- Increasing Experimentation with Services
 - developing hooks to commercial internet/subscription services
 - let users vote with their fingers
- Services go into Beta for a period (6 months, semester, etc)
 - those that get a lot of use are rolled into production
 - those that don't are discarded, moved to less prevalent part of menu, or get further evaluation
- Implementation/Change Management
 - implementation of new services midstream
 - changes in small to medium services
 - not always on semester schedule
 - users understand change nature of Internet

Customization

- Aleph (Templates)
 - Allows for
 - Flexibility, can insert scripts
 - Powerful
 - can access the data
 - create multiple versions of the same file
 - Customized look and feel
 - Relatively low programming threshold for basic functionality (HTML, CSS, for more advanced features Javascript)
 - Drawbacks
 - You can only work with the data you get on the screen
 - Unstructured, may have to shoehorn
 - Undocumented
 - Can't move from file to file (even on the same screen)

Open-ness

- SFX (Parsers/Displayers), MetaLib (Search Programs)
 - Allows for
 - Customization of system
 - Extensibility
 - Drawbacks
 - May not carry from version to version
 - Requires medium level of programming knowledge (HTML, CSS, PERL, Javascript)

APIs

- Aleph, MetaLib (X-Server), SFX (API)
 - Allows for
 - Deep customization
 - Data repurposing
 - Greater Flexibility and Extensibility
 - Structured data (computer can understand)
 - Drawbacks
 - Requires high level of programming knowledge (HTML, CSS, Scripting Language [PERL, PHP, .net, Ruby], Javascript, XML, Web Services, HTTP)
 - Multiple calls to different web services may introduce network latency
 - Most often pull, need more push APIs

Aleph as a Discovery System



Direct Export

Search WorldCat



FindIt

ALEPH
OPAC

Added Services

- FindIt
- EndNote/Refworks Export
- Search WorldCat

Mash-ups



- Mash-up
 - bringing different elements from disparate information systems to create a new work

FindIt

- An SFX like menu that offers the user special services, maps, and added information about the item of interest
- Originally conceived to pre-fill document delivery forms (faculty only) in ILLiad
- Maps became focus to guarantee no dead end for most users
- Extended Services became add-ons that we thought might be useful

FindIt Technology

- Getting Data
 - WebServices (Aleph XServer, ISBN.com, Maps)
 - XML
 - SRU
 - HTTP
 - Javascript (Google Book)
 - JSON

FindIt Technology (cntd)

- Display
 - XHTML
 - CSS
 - Javascript

How Users Access FindIt

Books In Print .com™
PROFESSIONAL

135 Years of Book Information

HOME | MYACCOUNT | LISTS | HELP | LOGOUT

Advanced Search BIP Alert Browse Publishers Awards Bestsellers Bios

Children's Room

Fiction Room

Forthcoming Book Room

User Guide

UNIVERSITY OF NOTRE DAME

ND Libraries catalog for

QuickSearch:

The Lost German Slave Girl: The Extraordinary True Story of the Slave Sally Miller and Her Fight for Freedom in Old New Orleans

[BACK TO RESULTS](#)

Full Description

Publisher Information

Title Reviews

Other Formats

Stock Availability

Search My Library's Catalog

Search Online Bookstores

Add to List

Download

Print

E-Mail

Submit Corrections

Request This Title

SAVE MY SEARCH

Click highlighted text for a new search on that item.

Read First Chapters from Dial-A-Book

Title:

The Lost German Slave Girl: The Extraordinary True Story of the Slave Sally Miller and Her Fight for Freedom in Old New Orleans

Author:

[John Bailey](#)

Publication Date:

December 2004

Publisher:

[Grove/Atlantic, Incorporated](#)

Country of Publication:

United States

Market:

United States

ISBN:

0-87113-921-9

ISBN13:

978-0-87113-921-4

EAN:

9780871139214

Item Status:

Out of Print (Available for Order)

Binding Format:

Trade Cloth

Pages:

288

Price:

\$24.00 (USD Retail) [Perseus Distribution](#) (Distributor)

Also Available Through:

Alibris

ORDER NOW

Current Language:

English

Audience:

General Adult

Awards:

[School Library Journal Best Books of the Year \(WON AWARD\) 2005](#)

Bowker Subjects:

[SLAVES](#)
[LOUISIANA BIOGRAPHY](#)
[NEW ORLEANS \(LA.\) BIOGRAPHY](#)

General Subjects (BISAC):

[BIOGRAPHY & AUTOBIOGRAPHY / General](#)
[SOCIAL SCIENCE / Slavery](#)

LCCN:

2004-050264

LC Class #:

F379.N553M553 2004

Dewey #:

973.7/115/092 B

Physical Dimensions (W x L x H):

6.38 x 9.28 x 1.34 in.
1.477 lbs.

Synopsis/Annotation:

It is a spring morning in New Orleans, 1843. In the Spanish Quarter, on a street lined

THE LOST GERMAN SLAVE GIRL

The extraordinary true story of the slave Sally Miller and her fight for freedom

JOHN BAILEY

THE LOST GERMAN SLAVE GIRL

The extraordinary true story of the slave Sally Miller and her fight for freedom

JOHN BAILEY

girl as the long-lost daughter of ar ... [more](#)

Deliver it to my department office.

(BETA):

[Search \(Partial View\)](#)

[Find in another library](#)

[Find more by this author](#)

[Titles - About this author](#)

NWS

[Description \(may include review\)](#)

ed in what you think of this tool ...

s [feedback](#).

FindIt Menu

Info for students, faculty, visitors, or friends



ND CATALOG

Search ND Libraries catalog for Go

Hesburgh Library > Catalog >

> FindIt



http://books.google.com/books?bibkeys=ISBN:026source=gbs_ViewAPI&callback=ProcessGBSBookInfo&request_type=call_number

[Faculty]

FindIt L

[Google Book Search](#)[WorldCat - Find in and](#)[WorldCat - Find more](#)[WorldCat Identities - A](#)[Amazon Reviews](#)[Books-in-Print Descript](#)

We're interested in what you think of this tool ...
please send us [feedback](#).

<ISBNdb server_time="2008-07-24T18:13:23Z">

<BookList total_results="1" page_size="10" page_number="1" shown_results="1">

<BookData book_id="the_lost_german_slave_girl" isbn="0871139219">

<Title>The lost German slave girl</Title>

ProcessGBSBookInfo({"ISBN:0871139219":{"bib_key":"ISBN:0871139219","info_url":"http://books.google.com/books?id=7OeulAjRJWQC\x26source=gbs_ViewAPI","preview_url":"http://books.google.com/books?id=7OeulAjRJWQC\x26printsec=frontcover\x26sig=ACfU3U3GFO1m22SCP3xBV_QsWWYg\x26source=gbs_ViewAPI","thumbnail_url":"http://books.google.com/books?id=7OeulAjRJWQC\x26pg=PP1\x26img=1\x26zoom=5\x26sig=ACfU3U2uSS7HDSdDl6yXM8KRteM3Z_Gzaw","preview_partial"}});



customs surrounding slavery, immigration, and racial mixing, pitting a humble community of German immigrants against a hardened capitalist, as respected for his wealth and power as he is feared and distrusted, and his attorney, one of the brashest and most flamboyant lawyers of his time.</Summary>

<Notes>"First published in 2003 in Australia by Pan Macmillan Australia Pty Limited, Sydney, Australia"--T.p. verso. Includes bibliographical references (p. 258-268).</Notes>

<UrlsText/>

<AwardsText/>

</BookData>

</BookList>

</ISBNdb>

FindIt Future Enhancements

- Integrate with SFX
 - especially for determining the electronic counterpart for print items
- Pull availability information from Aleph (probably via AJAX)
- Use xISBN with Google Book Viewability
 - expand viewability to other editions

FindIt Aleph Integration

- Full Record
- Holdings Record
- Results List

FindIt on the Full Record

Full View of Record



Record 1 out of 3

[◀ Previous Record](#)

[Results List](#)

[Ne](#)

Author : [Bailey, John, 1944 Dec. 15-](#)

Title : [The lost **German slave girl** : the extraordinary true story of Sally Miller and her fight for freedom in old New Orleans / John Bailey.](#)
1st American ed.

Published : New York : Atlantic Monthly Press, [2005]
xiii, 268 p. ; 24 cm.

ND Has : [Locations](#)

[Hesburgh Library General Collection](#)
[F 379 .N553 M553 2005](#)

Abstract : Louisiana, 1843: a **German** immigrant thinks she recognizes a young **slave girl** as the long-lost daughter of her **German** friend, but the **girl** has no memory of such a past, and her

[](http://www.library.nd.edu/eresources/findit/findit.cgi?doc_num=$0600&aleph_session=&session)

FindIt on the Holdings Record

ND Full Catalog - Holdings

[Back](#)

[002099718] Bailey, John, 1944 Dec. 15-:
The lost German slave girl :
New York : Atlantic Monthly Press, [2005]
xiii, 268 p. ; 24 cm.

Location : Location:Hesburgh Library General Collection F 379 .N553 M553 2005



Select year Select volume Select sublibrary ☐ Hide loaned items

Description	Item status	Due date	Library	Collection	Call Number	Requests	Note
-------------	-------------	----------	---------	------------	-------------	----------	------

Hesburgh Library General Collection F 379 .N553 M553 2005

``

`<body topmargin="0" onload="javascript:setFindIt();">`

FindIt in the Results List

Records 1 - 3 of 3 for Words= german slave girl
Sorted by: Relevance

◀ Previous Page

Next Page ▶

Jump to #

#	Year ↑ ↓	Author ↑ ↓	Title ↑ ↓	Locations ↑ ↓ / Call No. ↑ ↓
1	<input type="checkbox"/> 2005	Bailey, John, 1944 Dec. 15-	The lost German slave girl : the extraordinary true story of Sally Miller and her fight for free <Book> Hesburgh Library Owned: 1 Checked Out: 0 Display full record	Hesburgh Library General Collection F 379 .N553 M553 2005 FindIt
2	<input type="checkbox"/> 2008		Willa Cather : new facts, new glimpses, revisions / <Book> Hesburgh Library Owned: 1 Checked Out: 0 FindIt	Hesburgh Library General Collection PS 3505 .A87 Z93824 2008 FindIt

``

`Configure $1000 in xxx01/tab/www_tab_short.eng`

EndNote and Refworks

- 2 Bibliographic Utilities supported on campus.
- What was already in place?
 - Z39.50 protocol allowed remote search of the catalog from within EndNote or RefWorks (limited search capability)
 - Aleph introduced an EndNote download format (RIS). User could download a text-file and import records manually.

Direct Export

- We want the user to be able to:
 - Search and select records *in Aleph*
 - Select RefWorks or EndNote
 - Export records directly to the
 - the EndNote library on the user's workstation
 - the user's RefWorks account
- without downloading an intermediate text file*

EndNote and Refworks Technology

- Getting Data
 - Javascript
 - Aleph Template Variables
 - Templates – HTML and Forms
 - web pages and notices [export formatting] live different places (f-tree and form_lang)
- Pushing Data to Bibliographic Management Programs
 - Refworks
 - PERL, but could use Javascript
 - Browser redirection (url has location of file on our server)
 - EndNote
 - PERL
 - HTTP Header Manipulation – MIME type
 - Data Dump Direct to Browser

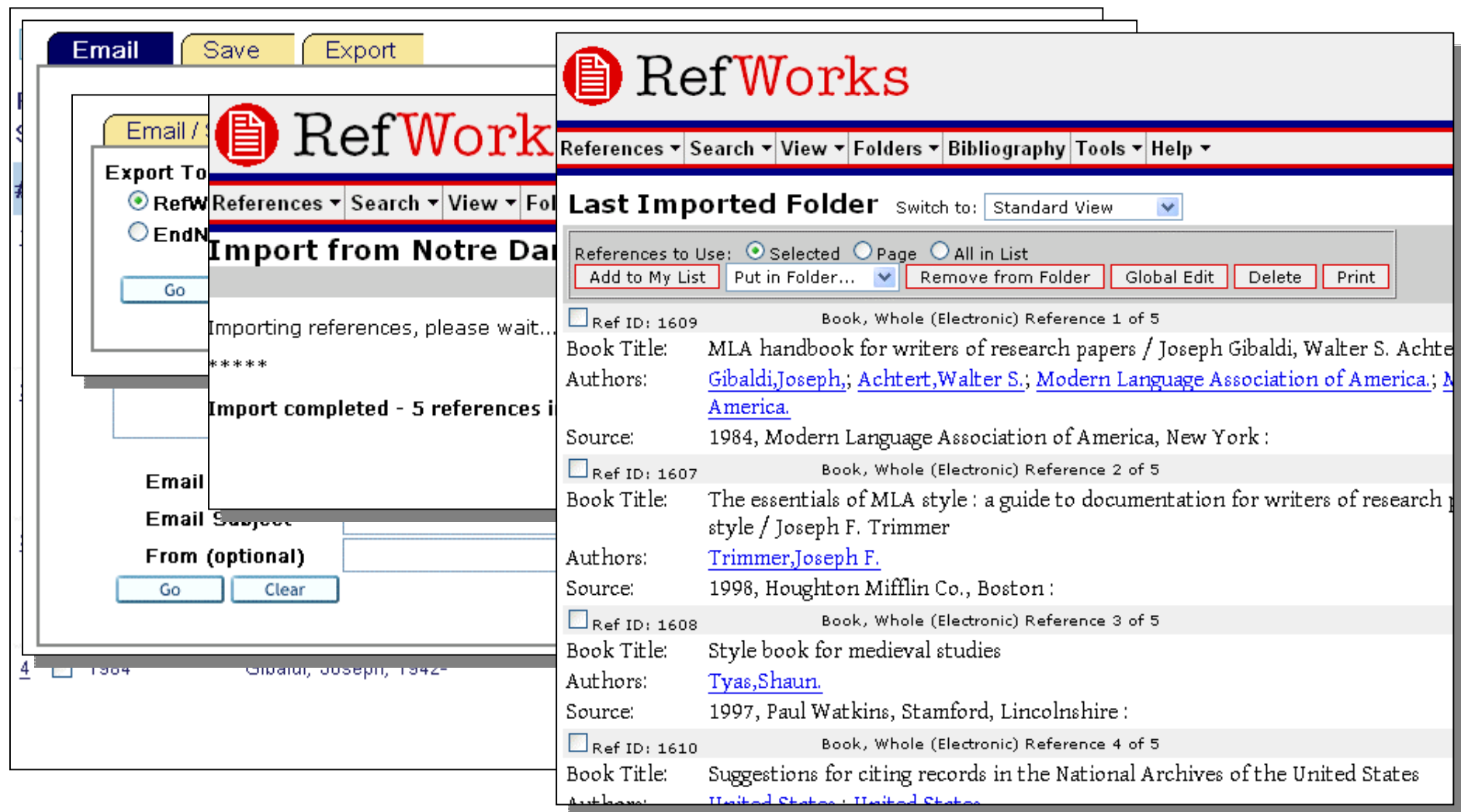
EndNote/Refworks Aleph Integration

- User selects record(s) from
 - Results list
 - Full Record
 - E-Shelf
- Added a *hidden* form to *short-mail*, *full-mail* & *myshef-mail*
 - Selected necessary options for export (unicode & RIS)
 - Linked form to an “Export” tab
- Added a form to the *save-mail*, which is displayed when the file extension is *.end*
- Form sends server information and temp file name to a cgi script: export_citations

Refworks

- Build RefWorks URL with
 - Name and location of temp file
 - filter selection (RIS)
 - encoding (unicode)
- Browser is redirected to RefWorks URL
- RefWorks server
 - retrieves temp file from Aleph server
 - imports records into user's account
 - opens user's account in browser

Refworks Export



The screenshot displays the RefWorks web interface. The main window shows the 'Last Imported Folder' with a list of references. The 'Export To' window is open, showing the 'Export To' button and the 'Email' button. The 'Email' button is highlighted, and the 'Email' window is also visible, showing the 'Email' button and the 'Email' button.

RefWorks

References ▾ Search ▾ View ▾ Folders ▾ Bibliography Tools ▾ Help ▾

Last Imported Folder Switch to: Standard View ▾

References to Use: ☒ Selected ☐ Page ☐ All in List

☐ Ref ID: 1609 Book, Whole (Electronic) Reference 1 of 5

Book Title: MLA handbook for writers of research papers / Joseph Gibaldi, Walter S. Achter

Authors: [Gibaldi, Joseph](#); [Achter, Walter S](#); [Modern Language Association of America](#); [America](#)

Source: 1984, Modern Language Association of America, New York :

☐ Ref ID: 1607 Book, Whole (Electronic) Reference 2 of 5

Book Title: The essentials of MLA style : a guide to documentation for writers of research papers / Joseph F. Trimmer

Authors: [Trimmer, Joseph F.](#)

Source: 1998, Houghton Mifflin Co., Boston :

☐ Ref ID: 1608 Book, Whole (Electronic) Reference 3 of 5

Book Title: Style book for medieval studies

Authors: [Tyas, Shaun](#)

Source: 1997, Paul Watkins, Stamford, Lincolnshire :

☐ Ref ID: 1610 Book, Whole (Electronic) Reference 4 of 5

Book Title: Suggestions for citing records in the National Archives of the United States

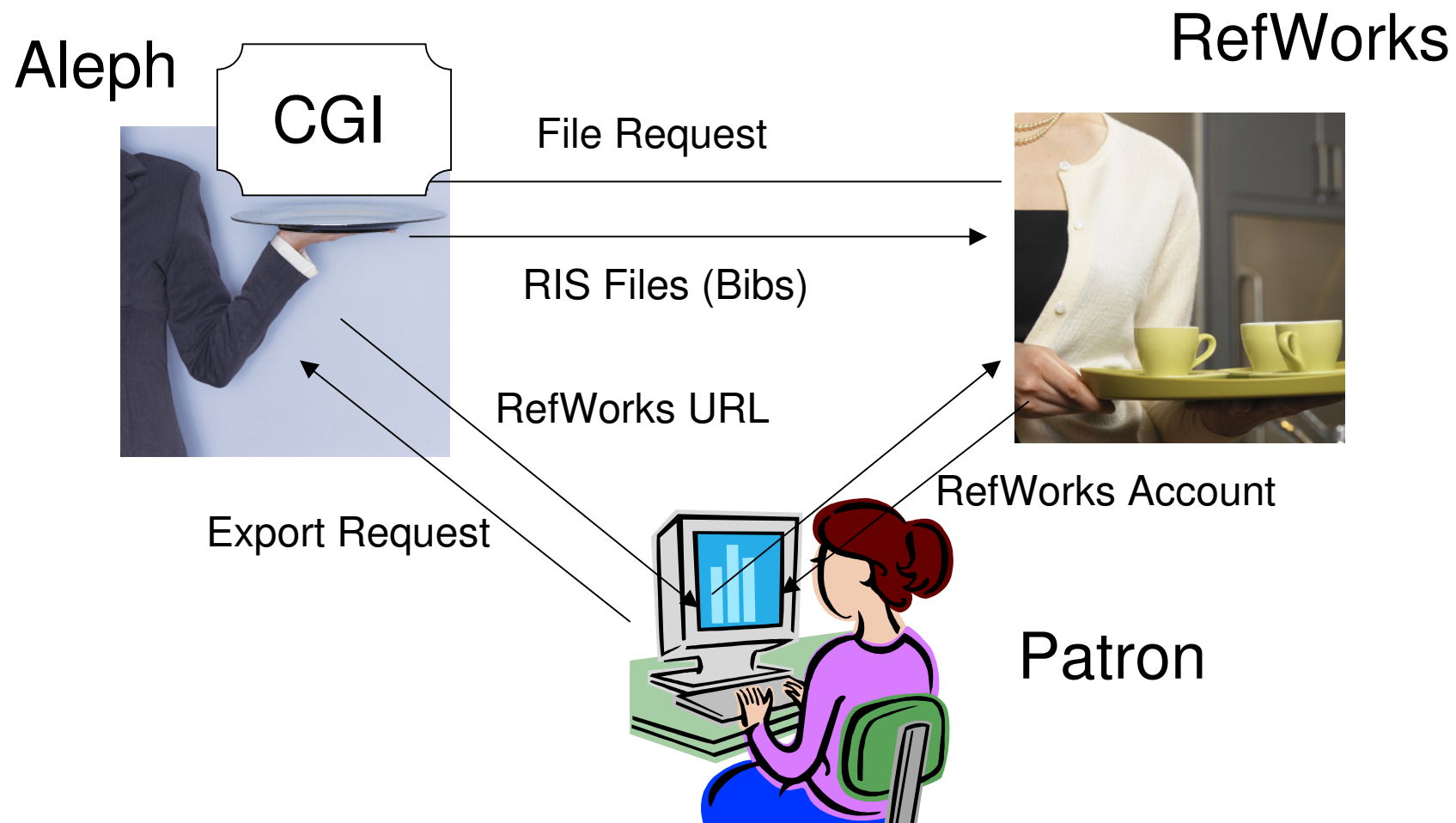
Authors: [United States](#); [United States](#)

Email

Email Subject: _____

From (optional): _____

How Refworks Export Works



EndNote

- Opens temp file on Aleph server
- “Prints” file to user’s browser, with MIME type
 - application/x-endnote-refer
- Browser opens file with EndNote
- User selects an EndNote library on workstation
- EndNote imports records

EndNote Export

The screenshot displays the EndNote 8.0 software interface. On the left, the 'Export' dialog box is open, showing options to export to 'RefWorks' or 'EndNote'. The 'EndNote' option is selected. Below this, there are fields for 'Email Address', 'Email Subject', and 'From (optional)', each with a corresponding 'Go' or 'Clear' button. The main window shows a list of references with columns for 'Author', 'Year', 'Title', and 'URL'. The status bar at the bottom indicates 'Showing 86 out of 86 references.' and 'Ready'.

Export To:

- ☐ RefWorks
- ☒ EndNote

Go

Email Address

Email Subject

From (optional)

Go **Clear**

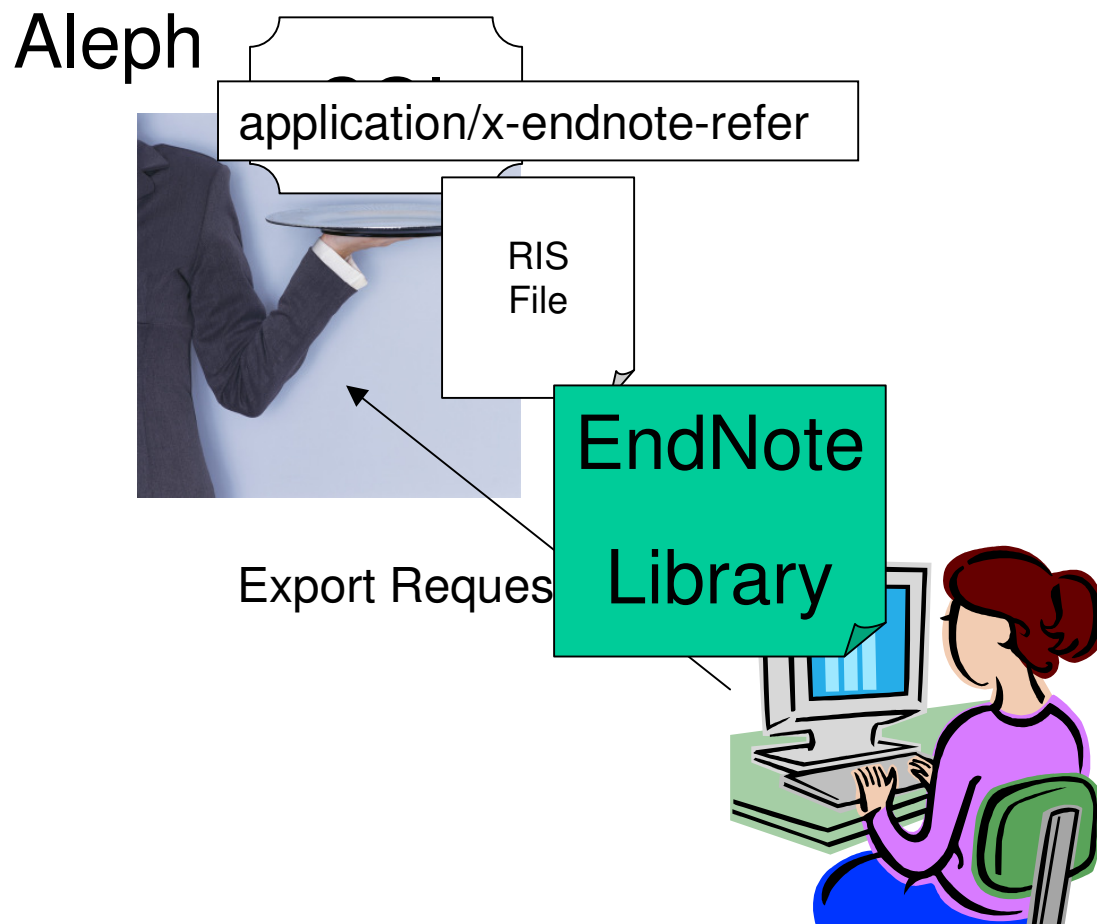
0	Author	Year	Title	URL
	Fleischer	1978	A style manual for citing microform and nonp...	
	French	1987	The Associated Press stylebook and libel m...	
	French	1986	The Associated Press stylebook and libel m...	
	Gibaldi	2008	MLA style manual and guide to scholarly pub...	
	Gibaldi	1998	MLA style manual and guide to scholarly pub...	
	Goldstein	1992	The Associated Press stylebook and libel m...	
	Goldstein	1994	The Associated Press stylebook and libel m...	
	Hacker	2004	A pocket style manual / Diana Hacker	
	Harrison	1990	The spreadsheet style manual / David Harris...	
	Huck	1978	Liturgy with style and grace : a basic manual...	
	Kipfer	1993	21st century manual of style / edited by the P...	
	Knapper	1974	A style manual for written communication, by...	
	Library of	1954	Bibliographical procedures & style; a manua...	
	Library of	1954	Bibliographical procedures & style	

United, S. and S. United (1986). A manual of style / prepared by the U.S. Government Printing Office. New York, Gramercy Pub. Co.

Showing 86 out of 86 references.

Ready

How EndNote Direct Export Works



- Automatically redirect the user's search from Aleph to WorldCat (no re-keying)
- Two Main Goals:
 - Eliminate OPAC dead-ends when needed items are not in the collection
 - Increase use of WorldCat direct ILL request

What we Already Had in Place

- WorldCat (FirstSearch version) available on library homepage (but not from the OPAC)
- WorldCat direct request (via SFX)
 - User could request WorldCat items without keying them into an ILL form
 - Item request forwarded to OCLC without staff intervention in ILL office

Top 3 reasons to use WorldCat.org

(instead of FirstSearch)

3. WorldCat.org has a more user friendly interface (next gen), including faceted browsing
2. WorldCat.org is available to anyone who searches our OPAC, regardless of affiliation
1. FirstSearch does not support URL embedded searches

WorldCat Search Technology

- Getting Data
 - Javascript
 - Aleph Template Variables
- Sending Data to WorldCat
 - PERL
 - HTTP Redirection

Aleph vs. WorldCat Search Syntax

Aleph

WRD = (key words)

WAU = (author)

WTI = (title)

WSU = (subject)

WLN = (language)

Browse

scan code=IND & scan start = text

Boolean

IND = (terms) OPR IND = (terms)

IND = (terms OPR terms)

WorldCat

q= key words

au: author

ti: title

su: subject

> limit (language)

No Browse

No Boolean Operators

Affiliation

qt=affiliation&ai=University_ndlibraries

Aleph vs. WorldCat Examples

Aleph

WRD = (oracle)

WAU = (twain) AND WTI = (sawyer)

WAU = (twain) AND WLN = (fre)

WRD = wom!n executives

scan_code = WTI and

scan_start = hunting of the sna

WAU = (heinlein OR asimov)

WorldCat

q=oracle

q=au:twain ti:sawyer

q=au:twain > fre

q=wom!n executives

q=ti:hunting of the sna?

Cannot render

WorldCat Search Aleph Integration


- Keyword Results
- Browse List
- Browse Results
- KW No Records
- Advance Keyword
- short-2-head (script)
- scan-acc-head
- short-1-head
- find-b-list-head
- find-b-permute-head
- find-a

A separate script is needed for each file

WorldCat Search Aleph Integration (cntd)

- Wrote JavaScript on Search Results page (actually, several search results pages) to capture the users Aleph query.
- Did some minimal processing of the users query on the client side to standardize the search.
- Sent the query off to a CGI script on the Aleph server

WorldCat Search



Home Search

Create lists, bibliographies and reviews: [Sign in](#) or [create a free account](#)

Search for items: [Search](#) [Advanced Search](#)

Search results for 'ti:Dogg's Hamlet au:Tom Stoppard' Sort by: [Relevance](#)

Refine Your Search

Format
[Book](#) (4)
[Sound Recording](#) (1)
• [LP recording](#) (1)
• [Audio book, etc.](#) (1)
[Visual Material](#) (1)
• [Videocassette](#) (1)

Year
[1986](#) (1)
[1980](#) (2)
[1979](#) (1)
[1977](#) (1)
[1976](#) (1)
[Show more ...](#)

Content
[Fiction](#) (1)
[Non-Fiction](#) (5)

Language
[English](#) (4)
[French](#) (1)
[Undetermined](#) (1)

Results 1-6 of about 6 (.39 seconds) << First < Prev 1 Next >

[Select All](#) [Clear All](#) [Save to:](#) [Save](#)

- ☐ 1. [Dogg's Hamlet : Cahoot's Macbeth](#)
by Tom Stoppard
Language: English Type: Book
Publisher: London ; Boston : Faber and Faber, 1980.
- ☐ 2. [Dogg's Hamlet : Cahoot's Macbeth](#)
by Tom Stoppard; Moraine Valley Community College.;
Language: English Type: Visual Material : Videorecording : VHS tape
Publisher: Palos Hills, Ill. : Moraine Valley Community College, 1986.
- ☐ 3. [New-Found-Land : The Dogg's Troupe Hamlet](#)
by Tom Stoppard; Richard Goolden; Stephen Moore; Ed Berman; Prof. Dogg's Troupe.
Language: English Type: Sound Recording : Non-music : Drama : LP recording
Publisher: [London] : Inter-Action Trust, ©1977.
- ☐ 4. [Dogg's troupe Hamlet.](#)
by Tom Stoppard
Language: English Type: Book
Publisher: London, 1976.
- ☐ 5. [Dogg's Hamlet, Cahoot's Macbeth](#)
by Tom Stoppard; Elisabeth Janvier
Language: French Type: Book
Publisher: Martel (France) : Les Editions du Laquet, 2000.

WorldCat Search

WorldCat®

Home Search Create lists, bibliographies and reviews: [Sign in](#) or [create a free account](#)

<< Back UNIVERSITY LIBRARIES UNIVERSITY OF NOTRE DAME

Info for students, faculty, visitors, or friends ND CATALOG Search ND Libraries catalog for Go

Getting Help Library Services Inside ND Libraries Research Tools ASK A LIBRARIAN

Home > ILL

Loan Request for mdehmlow Exit to Main Menu

Status Enter information below and press the Submit Information button to send.

Describe the item you want

Author/Editors *(required)* Koontz, Dean

Title *(Please do not abbreviate unless your citation is abbreviated) (required)* Odd, Thomas

Publisher

Place of Publication

Date of Publication 2003

Edition

ISBN (Int. Standard Book No.) *(if given will speed request processing)* 0-553-80249-6

OCLC Number *(if given will speed request processing)* 52587603


Not Wanted After Date *(format: MM/DD/YYYY) (required)* 09/23/2008

1. [Saint Jo](#)

Book Other Formats: [Cassette tape](#) [Compact disc](#)

[Odd Thomas](#)
Dean Koontz
Best Price \$0.01
or Buy New \$17.79

WorldCat Search



Home Search

Create lists, bibliographies and reviews: [Sign in](#) or [create a free account](#)

Search for items:

Search results for 'ti:sawyer autwain' > 'French' > "

Refine Your Search

Author
[Mark Twain](#) (15)
[André Van Gool](#) (1)
[Van Gool](#) (1)
[Mark, 1835-1910 ...](#) (1)

Format
[Internet Resource](#) (1)

Year
[1999](#) (2)
[1998](#) (2)
[1993](#) (3)
[1979](#) (3)
[1926](#) (3)
[Show more ...](#)

Content
[Fiction](#) (8)
[Non-Fiction](#) (11)

Audience
[Juvenile](#) (7)
[Non-Juvenile](#) (12)

Topic
[American Literature](#) (6)

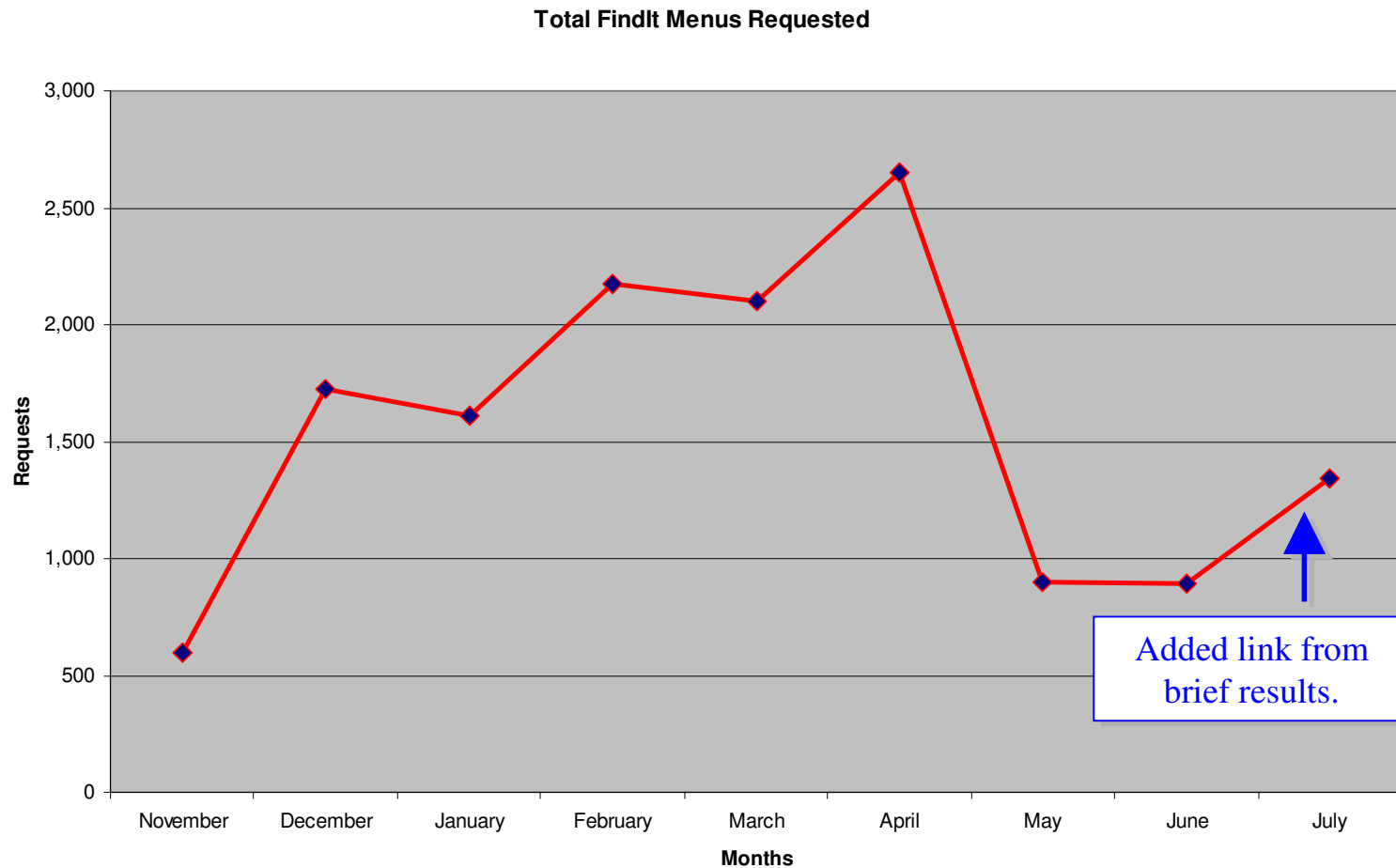
Results 1-10 of about 19 (.20 seconds) << First < Prev 1 2 Next >

[Select All](#) [Clear All](#) **Save to:**

- ☐ 1. [Tom Sawyer](#)
by Van Gool, Muriel Nathan-Deiller; Lefèvre,.; Loiseaux,.; Mark Twain; CND international ;
Language: French Type: Book : Fiction : Juvenile audience
Publisher: [Montréal] : Phidal, ©1993.
- ☐ 2. [Les aventures de Tom Sawyer](#)
by Mark Twain
Language: French Type: Book : Fiction
Publisher: [France] : Mercure de France, ©1997.
- ☐ 3. [Les aventures de Tom Sawyer](#)
by Mark Twain
Language: French Type: Book : Fiction : Juvenile audience
Publisher: [France] : Gallimard, 1980.
- ☐ 4. [Une aventure de Tom Sawyer détective](#)
by Mark Twain; François de Gail; Bernard Héron
Language: French Type: Book : Fiction
Publisher: [Paris] : Gallimard, 1979.
- ☐ 5. [Tom Sawyer, détective](#)
by Mark Twain; Francine Mancini
Language: French Type: Book
Publisher: Genève : Edito-Service, cop. 1982.

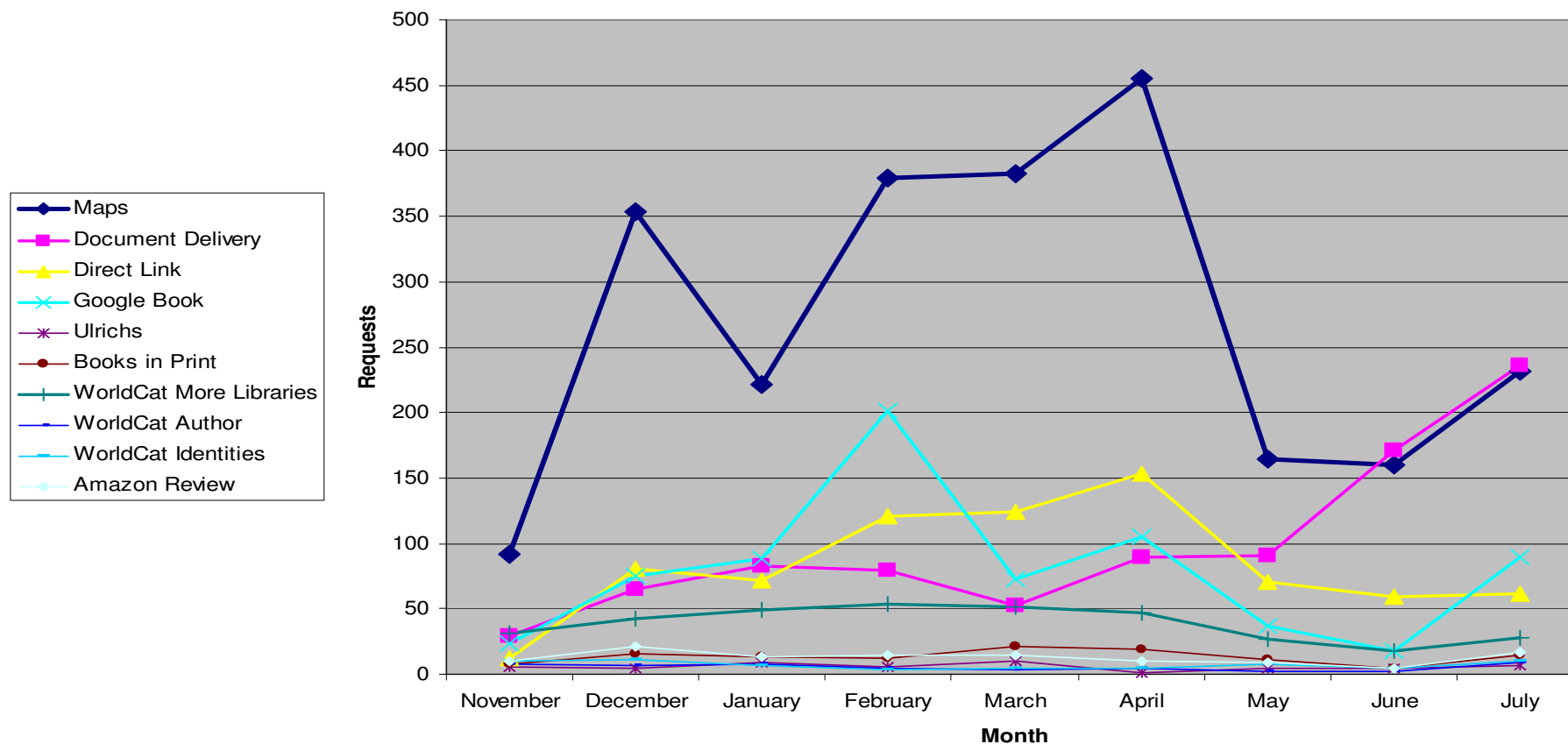
<http://worldcat.org/search?qt=affiliation&ai=University ndlibraries&q=ti%3Asawyer+au%3Atwain&fq=ln%3AFRE+%3E+&qt=advanced>

FindIt Usage Trends

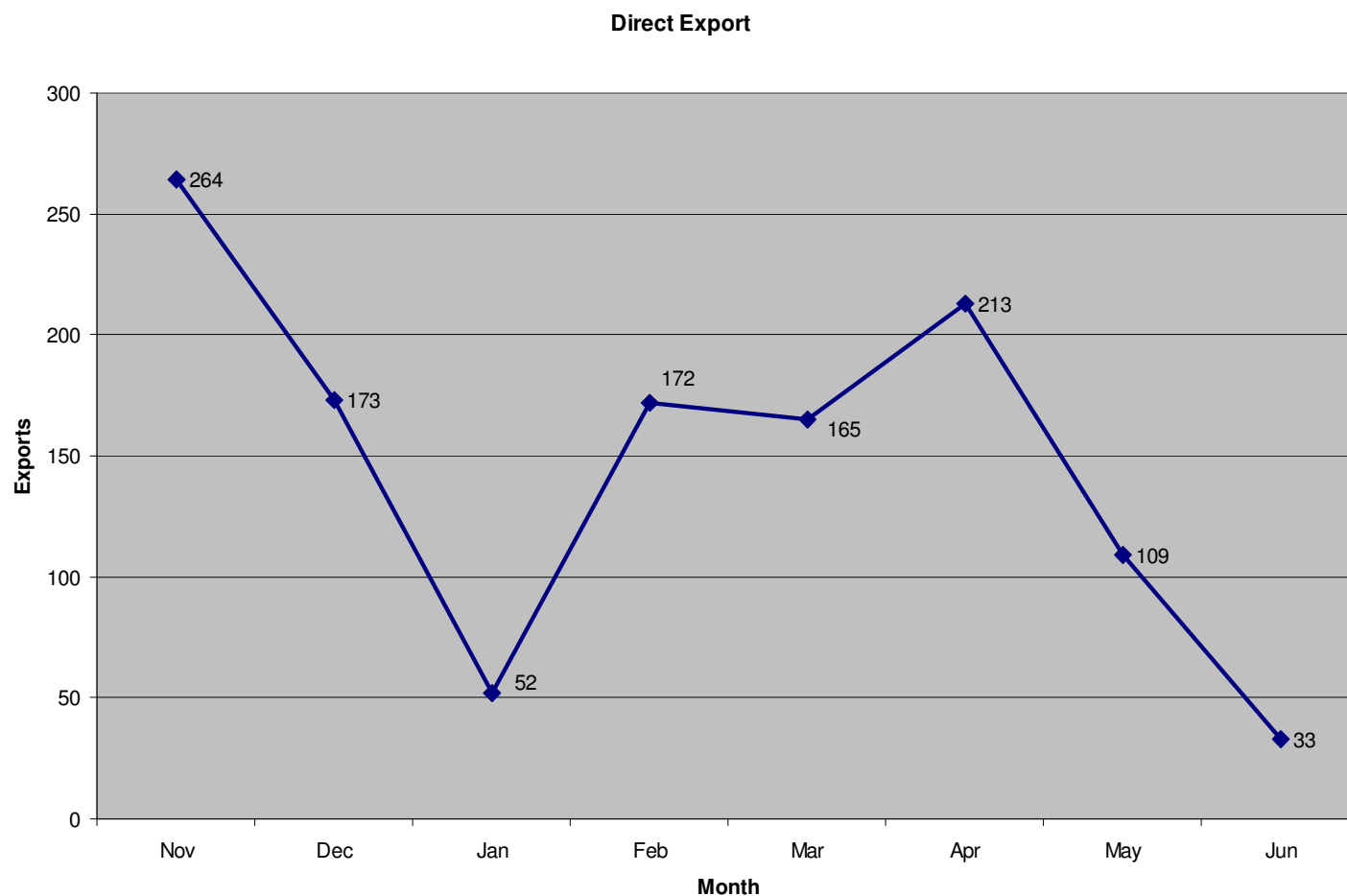


FindIt Usage Trends

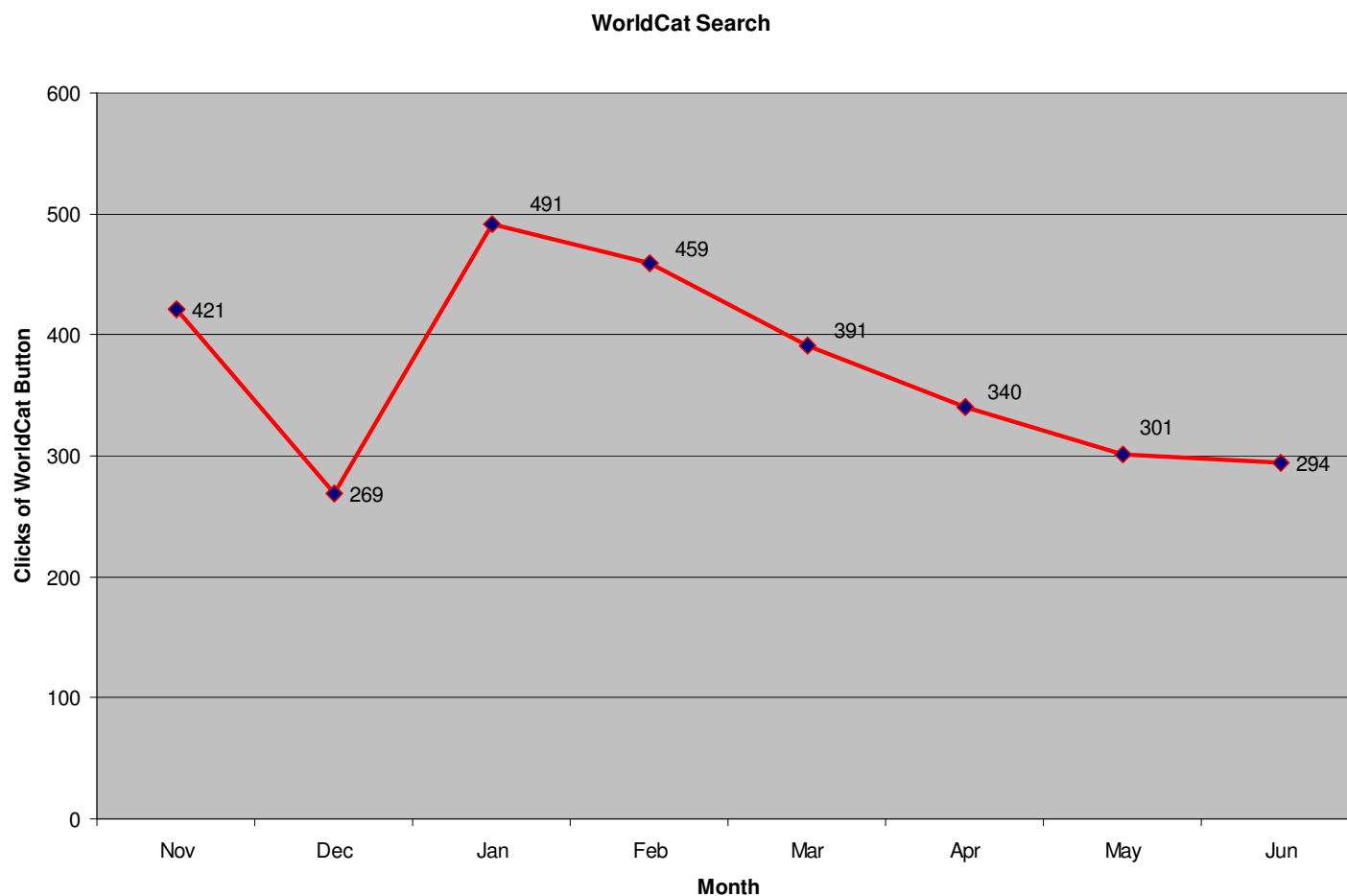
Service Click Through Trends



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Thank You

